

AMENDMENTS

Listing of Claims

The following listing of claims replaces all previous listings or versions thereof:

- 1-17. (Canceled)
18. (Currently amended) An antibody or antibody fragment being low or not immunogenic in humans and recognizing the human 17-1A antigen as expressed on the surface of tumor cells, the antibody or antibody fragment being further characterized as comprising a human VH chain and a human VL chain wherein at least said VH chain ~~is derived from~~ a VH sequence of unprimed mature human B-lymphocytes and said VL chain ~~is derived from~~ a VL sequence of a naturally occurring human B cell repertoire.
19. (Previously presented) The antibody or antibody fragment according to claim 18, which is an antibody fragment.
- 20-21. (Canceled)
22. (Currently amended) The antibody or antibody fragment according to any one of claims 18, 19, 65, 66 or 67, wherein said VH chain comprises three CDRs, at least one CDR being encoded by a CDR-encoding portion of nucleotides 1 to 381 of Seq. ID NO: 143 and said VL chain comprises three CDRs, at least one CDR being encoded by a CDR-encoding portion of nucleotides 1 to 321 of Seq. ID NO: 141.
- 23-27. (Canceled)
28. (Previously presented) An antibody or antibody fragment being characterized in that it comprises a human VH chain and a human VL chain, said antibody or antibody fragment recognizing the human 17-1A antigen as expressed on the surface of tumor cells.
29. (Previously presented) The antibody or antibody fragment of claim 28, said antibody or antibody fragment being low or not immunogenic in humans.

30. (Canceled)
31. (Previously presented) The antibody or antibody fragment of claim 28, recognizing an epitope of the extracellular domain of the 17-1A antigen.
32. (Currently amended) The antibody or antibody fragment of claim 28, wherein the VH chain comprises the amino acid sequence encoded by ~~at least one of~~ nucleotides 1 to 381 of SEQ ID NO[[S]]: 143 and/or nucleotides 1 to 339 of SEQ ID NO: 145 and/or the VL chain comprises the amino acid sequence encoded by ~~at least one of~~ nucleotides 1-321 of SEQ ID NO[[S]]:141 and/or nucleotides 1-321 of SEQ ID NO: 147.
- 33-37. (Canceled)
38. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 18, 65, 66 or 67, and a pharmaceutically acceptable carrier.
39. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 19, and a pharmaceutically acceptable carrier.
- 40-41. (Canceled)
42. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 22, and a pharmaceutically acceptable carrier.
- 43-52. (Canceled)
53. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 28, and a pharmaceutically acceptable carrier.
54. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 29, and a pharmaceutically acceptable carrier.
55. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 31, and a pharmaceutically acceptable carrier.

56. (Previously presented) A pharmaceutical composition comprising an antibody or antibody fragment according to claim 32, and a pharmaceutically acceptable carrier.

57-64. (Canceled)

65. (Previously presented) The antibody or antibody fragment according to claim 18, further comprising, fused to said human VH and VL chains, (a) the same or other VH or VL chains, (b) immunoglobulin constant regions of heavy (CH) or light chains (CL) or parts thereof, or (c) non-immunoglobulin chains, respectively.

66. (Previously presented) The antibody or antibody fragment according to claim 65, wherein said constant region chains are from human IgG1 or IgG3.

67. (Currently amended) The antibody or antibody fragment according to claim 18, further comprising ~~linked to said human VH and VL chains~~ a non-proteinous pharmaceutical and/or other biologically active molecule linked to said human VH and VL chains.

68. (Currently amended) The antibody or antibody fragment according to any one of claims 18, 19, 65, 66 or 67, wherein said VH chain comprises three CDRs encoded by three CDR-encoding segments within nucleotides 1 to 381 of Seq. ID NO: 143 and said VL chain comprises three CDRs encoded by three CDR-encoding segments within nucleotides 1 to 321 of Seq. ID NO: 141.